

REMARKS

The present invention is a method and system comprising a terminal, including a display and a network, the terminal using a browser to communicate with a network during a terminal session comprising at least one communication operation initiated by a user and transmits the network, and a system comprising a terminal including a display, a network including a server, to which the terminal is coupled by a telecommunications link, a mobile terminal and a program executable on a processor in a system comprising a terminal, including a display in a network, the terminal using a browser to communicate with a network during a terminal session comprising at least one communication operation initiated by a user and transmitted to the network. A method in accordance with the embodiment of the invention includes initiating a terminal session with the browser by making a transmission to the network; the network in response to initiation of the terminal session, providing information from the network to the browser relating to the terminal session; and displaying on the display a level of trust informing the user of a level of security determined to be associated with the at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network based upon a comparison of the at least one communication operation to a standard prior to transmission to the network.

Claims 11, 53 and 95 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. Claims 11, 53, and 95 have been amended to overcome the stated grounds of rejection. Additionally, other claims have been amended to improve their form for reexamination.

Claims 1-40, 43-83 and 86-95 stand rejected under 35 U.S.C. §103 as being unpatentable over United States Patent 5,958,051 (Renaud et al). With respect to claims 1-4, the Examiner reasons as follows:

Per claims 1-4, Renaud discloses a system and method for enabling secured data transmission between network and a data terminal comprising:

- a) initiating a terminal session with a browser by making a transmission to a server via a network (see col 14, lines 5-22),
- b) the server, in response to the terminal transmission request, provides information, e.g., site certificate, to the browser (col 14, lines 23-39),
- c) determining and displaying a level of trust based upon a standard comparison of one or more communication attributes for the transmission request to enable the user to make informed decision whether to permit such data transmission from the server to the browser (see col 10, lines 5-51 and col 12, line 40 - col 13, line 45).

Renaud does not explicitly teach using specific communication link for specific data terminal, e.g., a mobile terminal. An official notice is taken that the use of any conventional communication link including wireless networks for enabling Internet data access is well known in the art.

These grounds of rejection are traversed for the following reasons.

Renaud discloses a method, apparatus and product for establishing and verifying authenticity of data within one or more data files. Renaud's process sets security levels in a security manager as illustrated in Fig. 5. As may be seen, security levels are considered to be levels of trust which vary from a high security level to a low security level. See column 10, lines 8-67 through column 11, lines 1-45.

Claim 1 recites:

In a system comprising a terminal, including a display and a network, the terminal using a browser to communicate with a network during a terminal session comprising at least one communication operation initiated by a user and transmitted to the network, a method comprising:

initiating a terminal session with the browser by making a transmission to the network;

the network, in response to initiation of the terminal session, providing information from the network to the browser relating to the terminal session; and

displaying on the display a level of trust, informing the user of a level of security determined to be associated with the at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network based upon a comparison of the at least one communication operation to a standard prior to transmission to the network.

and claim 43 recites:

A system comprising:

a terminal including a display;

a network to which the terminal is coupled via a communication link; and wherein

the terminal uses a browser to communicate with the network during a terminal session comprising at least one communication operation initiated by the user and transmitted to the network with the terminal session being initiated with the browser by making a transmission to the network, the network, in response to initiation of the terminal session, provides information from the network to the browser relating to the terminal session, and the display displays a level of trust informing the user of a level of security determined to be associated with the at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network based upon a comparison, of the at least one communication operation to a standard prior to transmission to the network informing the user of a level of security determined to be associated with the at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network.

Each of independent claims 1 and 43 substantively recites a system comprising a terminal, including a display in a network, the terminal using a browser to communicate with a network during a terminal session comprising at least one communication operation initiated by a user and transmitted to the network.

A terminal session is initiated with the browser by making a communication to the network and the network, in response to initiation of the terminal session, provides information from the network to the browser relating to the terminal session. A level of trust is displayed on the display informing the user of a level of security

determined to be associated with at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network based upon a comparison of the at least one communication operation to a standard prior to transmission to the network. This subject matter, contrary to what the Examiner has stated, is not present in Renaud et al.

The claimed invention requires that there be a display level of trust informing the user of a level of security determined to be associated with the at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network based upon a comparison of the at least one communication operation to a standard prior to transmission to the network.

The browser interface of Fig. 5A of Renaud et al, as described in column 12, lines 12-39, does not describe the display of a level of trust having the foregoing characteristics involving the transmission of two-way communications between a browser and a network as recited in claims 1 and 43. It is submitted that column 14, lines 5-39, do not disclose communications between a browser and a network in association with the display of a level of trust informing the user of a level of security determined to be associated with at least one communication operation if the at least one communication operation is permitted by the user to be transmitted to the network as recited in claims 1 and 43. If the Examiner persists in the stated grounds of rejection, it is requested that he state on the record where the browser and network is taught in column 14 which is involved with the display of a level of trust of the at least one communication operation between the browser and the network as claimed.

It is also requested that he point out on the record specifically how he is reading the display of Fig. 5A or any other information in the specification upon the aforementioned display limitations.

Claim 86 recites:

A system comprising:
a terminal including a display;
a network including a server to which the terminal is coupled by a telecommunications link; and wherein
the server stores a certificate issued by a trusted third party containing a verified identity of the server or an organization responsible for the server and a secret key, the secret key and the certificate, being transmitted to the terminal and processed by the terminal to determine if the identify of the server may be displayed to a user of the terminal as being from a trusted source, the display containing at least one page containing frames and a display indicating whether the frames are certified as being from a trusted source.

and claim 89 recites:

A method in a system comprising a terminal including a display, a network including a server to which the terminal is coupled by a telecommunications link, the method comprising:
storing with the server a certificate issued by a trusted third party containing a verified identity of the server or an organization responsible for the server and a secret key;
transmitting the certificate and the secret key to the terminal;
and
processing at the terminal the certificate and the key to determine if the identity of the server may be displayed to the user of the terminal as being a trusted source; and
displaying with the display results of the processing.

Each of claims 86 and 89 stand rejected on grounds of being similar in scope to claims 1-40. However, it is noted that the subject matter of claims 86 and 89 pertains to storing with a server a certificate issued by a trusted third party containing a verified identity of the server or an organization responsible for the server and a secret key, the secret key and the certificate being transmitted to the terminal and processed by the terminal to determine if the identity of the server may be displayed

to a user of the terminal as being from a trusted source, the display containing at least one page containing frames in a display in indicating where the frames are certified being from a trusted source. This subject matter is different in scope than claims 1 and 43. It is submitted that this subject matter is not disclosed by Renaud et al.

If the Examiner persists in the stated grounds of rejection regarding independent claims 86 and 89, it is requested that the Examiner specifically point out on the record where Renaud et al discloses this subject matter.

Claim 92 recites:

A mobile terminal comprising:
a user display; and
a browser which indicates on the user display a level of trust, based upon a comparison of at least one communication operation involving the mobile terminal and a network coupled thereto to a standard and informing a user of a security level determined to be associated with the at least one communication operation.

and claim 94 recites:

In a mobile terminal having a processor and a user display, a program executable on the processor which is downloadable thereto from a network coupled to the mobile terminal, the program causing the user display to display a level of trust, based upon comparison of at least one communication operation involving the mobile terminal and a network coupled thereto to a standard and informing the user of a security level determined to be associated with the at least one communication operation.

Each of claims 92 and 94 substantively recite display of a level of trust, based upon a comparison of at least one communication operation involving the mobile terminal in a network coupled thereto to a standard and informing a user of a security level determined to be associated with the at least one communication operation. It is submitted that Renaud et al do not disclose the claimed comparison of at least one

communication operation involving the mobile terminal in the network coupled thereto to a standard informing the user of a security level determined to be associated with the at least one communication operation. As has been stated above regarding the display of claims 1 and 43, the user interface of Fig. 5A does not disclose the aforementioned displayed information as recited in claims 92 and 94.

Claims 41 and 42 and 84 and 85 stand rejected under 35 U.S.C. §103 as being unpatentable over Renaud et al in view of United States Patent 5,953,528 (Sullivan). Sullivan has been cited as teaching graphical indicators to display different trust levels. The Examiner relies upon column 6, lines 2-6. However, while Sullivan does disclose display of levels of trust or confidence in a knowledge object which is defined in column 2, lines 49-58, it is submitted that a person of ordinary skill in the art would not consider modification of Renaud et al to display levels of trust based upon Sullivan's display of graphical indicators regarding levels of trust of knowledge objects as defined by Sullivan. Accordingly, it is submitted that a person of ordinary skill in the art would not be motivated by the teachings of Sullivan to display numerical or graphical indicators with respect to the teachings of Renaud et al including the user interface of Fig. 5A.

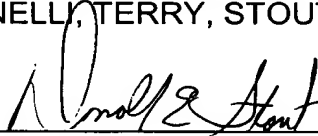
The dependent claims define more specific aspects of the present invention which are neither anticipated nor rendered obvious by Renaud et al.

In view of the foregoing amendments and remarks, it is submitted that each of the claims in the application is in condition for allowance. Accordingly, early allowance thereof is respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. §1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (0171.40111X00) and please credit any excess fees to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in black ink, appearing to read "Donald E. Stout", is written over a horizontal line.

Donald E. Stout
Registration No. 26,422
(703) 312-6600

Attachments

DES:dlh